

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Carlos J. Gonzalez et al.
Title: Adaptive Mode Switching of Flash Memory Address Mapping Based on Host Usage Characteristics
Application No.: 10/750,190 Filing Date: December 30, 2003
Examiner: Unknown Group Art Unit: 2818
Docket No.: SNDK.334US0 Conf. No.: 9150

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JUN 02 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

OFFICIAL

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Sir:

SanDisk Corporation, a Delaware corporation, hereby revokes all powers of attorney previously given and appoints the following attorneys specifically and solely to prosecute the above-identified application and to transact all business in the United States Patent and

Trademark Office in connection therewith:

Gerald P. Parsons, Reg. No. 24,486
James S. Hsue, Reg. No. 29,545
K. Alison de Runtz, Reg. No. 37,119

Please direct all communications in connection with the above-identified patent application to:

Customer Number: 36257

Parsons Hsue & de Runtz LLP
655 Montgomery Street, Suite 1800
San Francisco, CA 94111
Telephone No.: (415) 318-1160
Fax No.: (415) 693-0194

Attorney Docket No.: SNDK.334US0

Application No.: 10/750,190

-1-

ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)

The undersigned hereby certifies that SanDisk Corporation is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventors to SanDisk Corporation, as shown by the attached copy of an Assignment from the inventors, which is being separately recorded.

Each of the undersigned is empowered to sign this certificate on behalf of SanDisk Corporation.

May 24, 2004
Date

[Signature]
Name: Charles Van Orden
Title: Vice President and General Counsel

May 24, 2004
Date

[Signature]
Name: Michael Gray
Title: Sr. Vice President and Chief Financial Officer

Attorney Docket No.: SNDK.334US0

Application No.: 10/750,190

-2-

Attorney Docket No.: SNDK.334US0

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

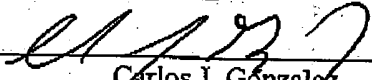
Carlos J. Gonzalez of Los Gatos, California and **Kevin M. Conley** of San Jose, California

hereby sell, assign and transfer to SanDisk Corporation, a Delaware corporation, having a place of business at 140 Caspian Court, Sunnyvale, California, 94089, its successors and assigns, the entire right, title and interest throughout the world in our invention in

ADAPTIVE MODE SWITCHING OF FLASH MEMORY ADDRESS MAPPING BASED ON HOST USAGE CHARACTERISTICS

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 5th day of December, 2003.



Carlos J. Gonzalez

State of _____)

County of _____) ss

On _____ before me, _____
personally appeared _____ personally known to
me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Page 1 of 2

Executed this 5th day of DECEMBER, 2003.

Kevin M. Conley
Kevin M. Conley

State of _____)

County of _____) ss

On _____ before me, _____
personally appeared _____ personally known to
me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Attorney Docket No.: SNDK.334US0

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I

Mark Sompel of San Francisco, California

hereby sell, assign and transfer to SanDisk Corporation, a Delaware corporation, having a place of business at 140 Caspian Court, Sunnyvale, California, 94089, its successors and assigns, the entire right, title and interest throughout the world in our invention in

**ADAPTIVE MODE SWITCHING OF FLASH MEMORY ADDRESS MAPPING BASED
ON HOST USAGE CHARACTERISTICS**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 8 day of December, 2003.

Mark Sompel
Mark Sompel

State of)

County of) ss

On _____ before me, _____
personally appeared _____ personally known to
me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

PARSONS HSUE & DE RUNTZ LLP

655 Montgomery Street, Suite 1800 San Francisco, Ca 94111
tel 415.318.1160 fax 415.693.0194

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Date June 2, 2004
To United States Patent and Trademark Office

Fax number (703) 872-9306
Tel number (800) 786-9199

From Gerald P. Parsons
Total pages 7
Subject Application No.: 10/750,190
Your Ref. Conf. No.: 9150
Our Ref. SNDK.334US0

THIS FACSIMILE IS SENT BY A LAW FIRM AND MAY CONTAIN INFORMATION THAT IS CONFIDENTIAL OR PRIVILEGED if you are not the intended recipient, please notify us immediately and return this facsimile and any attachments to us by mail.

PARSONS HSUE & DE RUNTZ LLP

655 Montgomery Street, Suite 1800 San Francisco, Ca 94111
tel 415.318.1160 fax 415.693.0194

June 2, 2004

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Applicants: Carlos J. Gonzalcz, Mark Sompel and Kevin M. Conley
Title: Adaptive Mode Switching of Flash Memory Address Mapping Based on
Host Usage Characteristics
Application No.: 10/750,190 Filing Date: December 30, 2003
Examiner: Unknown Group Art Unit: 2818
Docket No.: SNDK.334US0 Conf. No.: 9150

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page); and
- (2) Power of Attorney by Assignee of Entire Interest (5 pages).



No additional fee is required.

Certificate of Transmission Under 37 CFR 1.8

I hereby certify that this correspondence is being
facsimile transmitted to the United States Patent and Trademark
Office on June 2, 2004

Mary S. Buzgari
Signature

Respectfully submitted,

Gerald P. Parsons

Gerald P. Parsons
Reg. No. 24,486